



***Department of Electrical
& Computer Engineering
Naval Postgraduate School
Monterey, California 93943***

Tenure Track Faculty Positions:

The Department of Electrical and Computer Engineering at the Naval Postgraduate School (NPS), Monterey, California invites applications for two tenure-track faculty positions at the Assistant Professor level starting Fall 2003 (or later). The review of applications will begin immediately and will continue until the positions are filled.

The NPS Mission:

The mission of the Naval Postgraduate School is to “increase the combat effectiveness of U.S. and Allied armed forces and enhance the security of the U.S.A. through advanced education and research programs focused on the technical, analytical and managerial tools needed to confront defense related challenges of the future”. Consistent with this mission the ECE Department seeks to provide students with the highest quality and most defense relevant education available in electrical and computer engineering.

Position Description:

The ECE Department seeks candidates in computer networks and power systems. The computer networks position requires candidates with expertise in computer communications and networking and/or areas related to information operations. Specifically, candidates are sought with a background in one of the following fields: traffic engineering, protocol analysis, ad-hoc routing, network management, and/or service discovery. The power systems position seeks expertise in shipboard electric power and electric drive.

Candidates will be expected to teach both on-campus classes and distance learning classes delivered by VTE or via the Web. Interest in Net-Based Learning is desirable as the Department and the NPS are involved in migrating courses and degree programs to the web. Candidates will also be expected to establish research programs relevant to national defense and to advise both resident and non-resident student theses and dissertations related to their research programs. The Department has existing laboratories to support work in the designated areas. Faculty are expected to secure external funding for at least three months of the twelve-month year.

Qualifications:

Successful candidates for these positions must possess a minimum of a doctoral degree from an accredited university. Successful teaching experience in higher education is highly desirable and demonstrated capability to conduct research is required. A record of patent awards and publication in the scholarly literature, commensurate with experience, is expected. Experience writing proposals for external research support is highly desirable. Experience integrating technology into traditional instruction as well as experience in distance education and net-based learning is a plus. Candidates should have good writing, oral, interpersonal and organizational communications skills. The ability to work effectively with on- and off-campus constituencies and across Navy and governmental administrative structures, placing the highest value on graduate student learning is required. U.S. citizenship and eligibility for a security clearance are required.

Institution and Setting:

The Naval Postgraduate School (<http://www.nps.navy.mil>), established in 1909, is the Navy's Corporate University and offers graduate programs at all levels for officers of the United States Armed Services, civilian employees of defense laboratories and officers and civilians from Allied nations. The NPS has approximately 1400

resident students enrolled in graduate degree programs, as well as non-resident students served by a distance learning program. The ECE Department has 32 tenure track and non-tenure track civilian and military faculty members who spend about half-time teaching and half-time performing sponsored research.

The park-like 144-acre NPS campus is located on the Monterey Peninsula, adjacent to the waters of Monterey Bay and only minutes from the Monterey Peninsula Airport. The area offers a pristine environment of unparalleled scenic beauty, parks, restaurants, art galleries and cultural events. Other local research and educational institutions include the California State University at Monterey Bay, the University of California at Santa Cruz, Monterey Institute of International Studies, the Defense Language Institute, Stanford University's Hopkins Marine Station, the Monterey Bay Aquarium Research Institute, Moss Landing Marine Laboratories, the Naval Research Laboratory (West) and Monterey Peninsula College.

Salary and Benefits:

Naval Postgraduate School faculty are employed on a 10 month academic year contract as excepted-status federal civil servants on a salary scale that is competitive with

other universities. Faculty are eligible for the health insurance, life insurance and retirement benefits available to all federal government employees. Academic appointments and salary for these positions will be commensurate with qualifications and experience.

Application Procedure:

Applicants must submit a cover letter describing their qualifications for these positions, a comprehensive curriculum vitae or resume and contact and e-mail address information for a minimum of three references. (The application material must clearly state the applicant's citizenship.) Applications should be submitted electronically or in hardcopy to:

Prof. Jeffrey B. Knorr,
Chairman, Faculty Search Committee
Department of Electrical and Computer Engineering
Naval Postgraduate School
Monterey, CA 93943-5121
(831) 656-2081
jknorr@nps.navy.mil

Review of applications will begin immediately and applications will be accepted until the positions are filled. The Naval Postgraduate School is an Equal Opportunity Employer.